10320 Camino Santa Fe, Suite G
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Mouse Casc5 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP19227b

Specification

Mouse Casc5 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q66JQ7

Mouse Casc5 Antibody (C-term) Blocking Peptide - Additional Information

Other Names
Protein CASC5, Cancer susceptibility candidate gene 5 protein homolog, Kinetochore-null protein 1, Casc5, Knl1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Mouse Casc5 Antibody (C-term) Blocking Peptide - Protein Information

Name Knl1 {ECO:0000312|MGI:MGI:1923714}

Synonyms Casc5

Function
Performs two crucial functions during mitosis: it is essential for spindle-assembly checkpoint signaling and for correct chromosome alignment. Directly links spindle checkpoint proteins BUB1 and BUB1B to kinetochores. Part of the MIS12 complex, which may be fundamental for kinetochore formation and proper chromosome segregation during mitosis. Acts in coordination with CENPK to recruit the NDC80 complex to the outer kinetochore (By similarity).

Cellular Location
Nucleus {ECO:0000250|UniProtKB:Q8NG31}. Chromosome, centromere, kinetochore {ECO:0000250|UniProtKB:Q8NG31} Note=Weakly expressed in interphase nuclei. Expression increases from prophase to late anaphase, but greatly diminishes from the telophase and cytokinesis to early G1 phase of cell cycle (By similarity) {ECO:0000250|UniProtKB:Q8NG31}

Mouse Casc5 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

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- Blocking Peptides

Mouse Casc5 Antibody (C-term) Blocking Peptide - Images

Mouse Casc5 Antibody (C-term) Blocking Peptide - Background

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